

CITY OF HAYWARD
AGENDA REPORT

AGENDA DATE 01/22/02

AGENDA ITEM 1

WORK SESSION ITEM

TO: Mayor and City Council

FROM: Director of Public Works

SUBJECT: Authorization for Execution of an Agreement for Professional Geotechnical and Environmental Services for the Construction of Hesperian Booster Pump Station

RECOMMENDATION:

It is recommended that the City Council approve the attached resolution, which authorizes the City Manager to execute an agreement with Geomatrix Consultants in an amount not to exceed \$80,000, for the professional geotechnical and environmental services for the Hesperian Booster Pump Station.

BACKGROUND:

On November 13, 2001, the City Council authorized the design contract for the Hesperian Booster Pump Station. The pump station will be located on City-owned property at the southwest corner of Hesperian and Industrial Boulevards. The project will demolish the existing obsolete structures and construct a new pump station with associated piping and pump equipment. This project will also include building a new 3,600-sq ft structure for the storage of piping and equipment, and constructing a new block wall and landscaping strip surrounding the existing City-owned property. This work will complement the future development on the southwesterly corner of the intersection. The new Hesperian Booster Pump Station will provide about 30,000 gallons per minute to the water system to meet year 2020 maximum day demand and will enhance capacity to maintain system pressure for fire fighting and disasters.

In order to expedite the design process and to save sub-consulting costs for this project, consulting professional services are being provided in two parts. The first part encompassed the design service for the pump station and associated piping and pumping equipment. At this time, part two, which is the consultant selection for the geotechnical and environmental services, is being recommended for Council approval.

Consultant Selection:

Upon review of the qualifications of ten consultants, five firms were asked to submit proposals for the required services. Four consultants submitted proposals for the City's consideration.

The two most qualified firms were shortlisted after reviewing their proposals. The two other firms were not considered responsive to the requirements of the proposal. Geomatrix Consultants was selected as the best qualified firm and provided the lower cost proposal. The selection was based on a review of: 1) the relevant experience of each firm; 2) the experience and qualifications of the project manager and design team of each firm; 3) the method of work proposed by each firm; and 4) the resources, project controls, and quality assurance of each firm.

The fees and hours of Geomatrix Consultants were competitive with other consultants. Based on an analysis of the number of hours and scope of services proposed by other consultants, staff has concluded that the final negotiated not-to-exceed cost of \$80,000 is reasonable for the scope of services required.

Project Cost:

Design for Pump Station	\$ 700,000
Consultant for Geotechnical and Environment Services (This Action)	80,000
Consultant for Completed Pre-design Study	30,000
Construction Cost	7,000,000
Inspection & Administration	<u>100,000</u>
Total:	\$ 7,910,000

Funding:

A total of \$831,000 has been appropriated through the 2001-2002 Capital Improvement Program in the Water Capital Improvement Fund for the Hesperian Booster Pump Station Project. Monies for construction are programmed in the 2002-2003 Capital Improvement Program.

Schedule:

The following tentative project schedule has been developed for these projects:

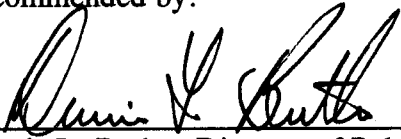
Begin Design and Survey	January 2002
Design Completion	September 2002
Award Construction Contract	November 2002
Begin Construction	January 2003
Construction Completion	December 2003

Prepared by:



Alex Ameri, Deputy Director of Public Works

Recommended by:



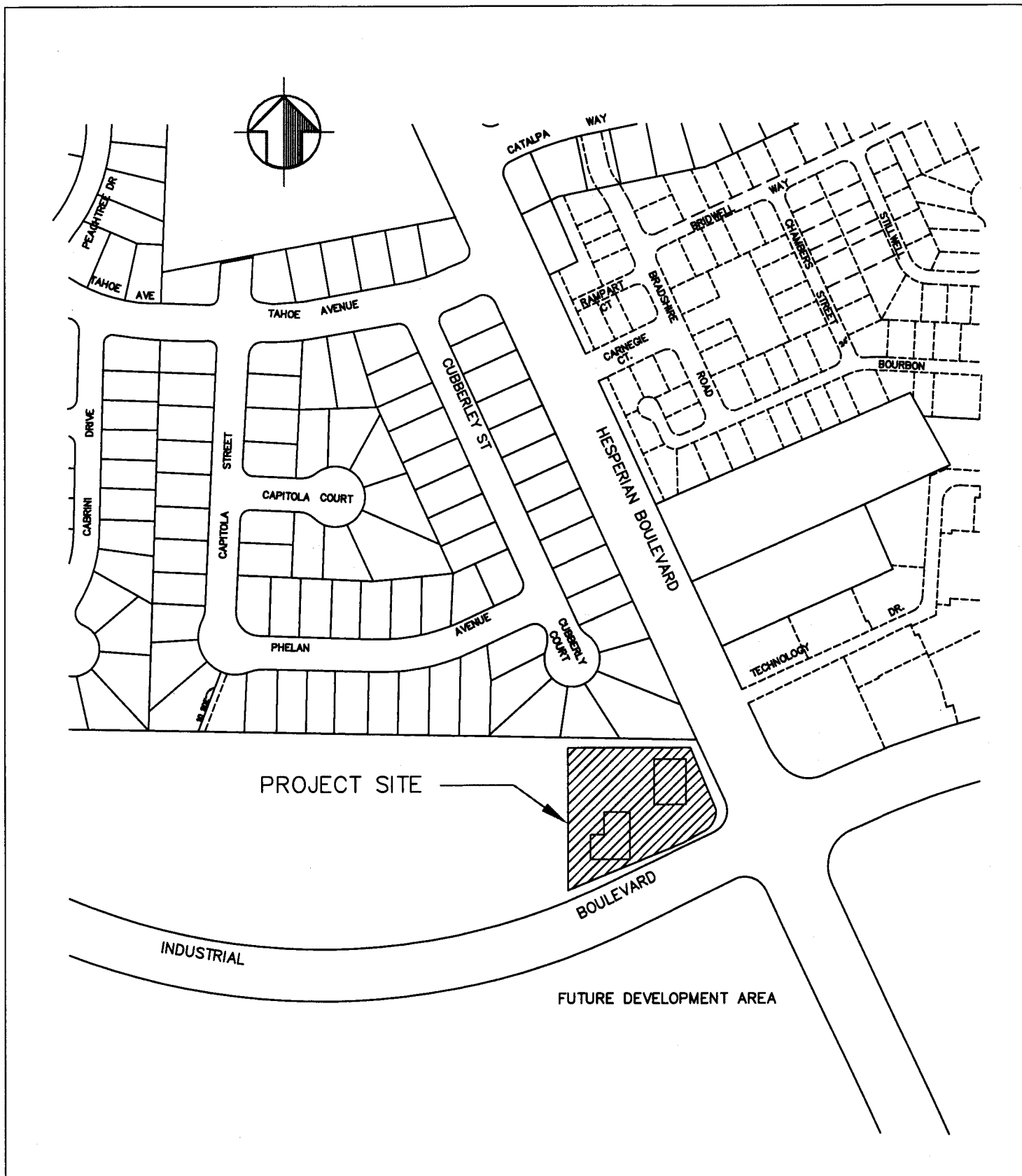
Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachment: Exhibit A - Project Location Map

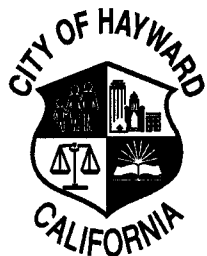


PROJECT LOCATION MAP

HESPERIAN BOOSTER PUMP STATION PROJECT

PROJECT NO. 622-7144

EXHIBIT "A"



CITY OF HAYWARD
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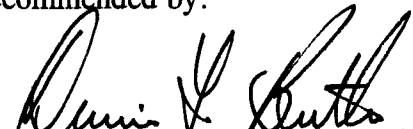
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Prepared by:



Alex Ameri, Deputy Director of Public Works

Recommended by:



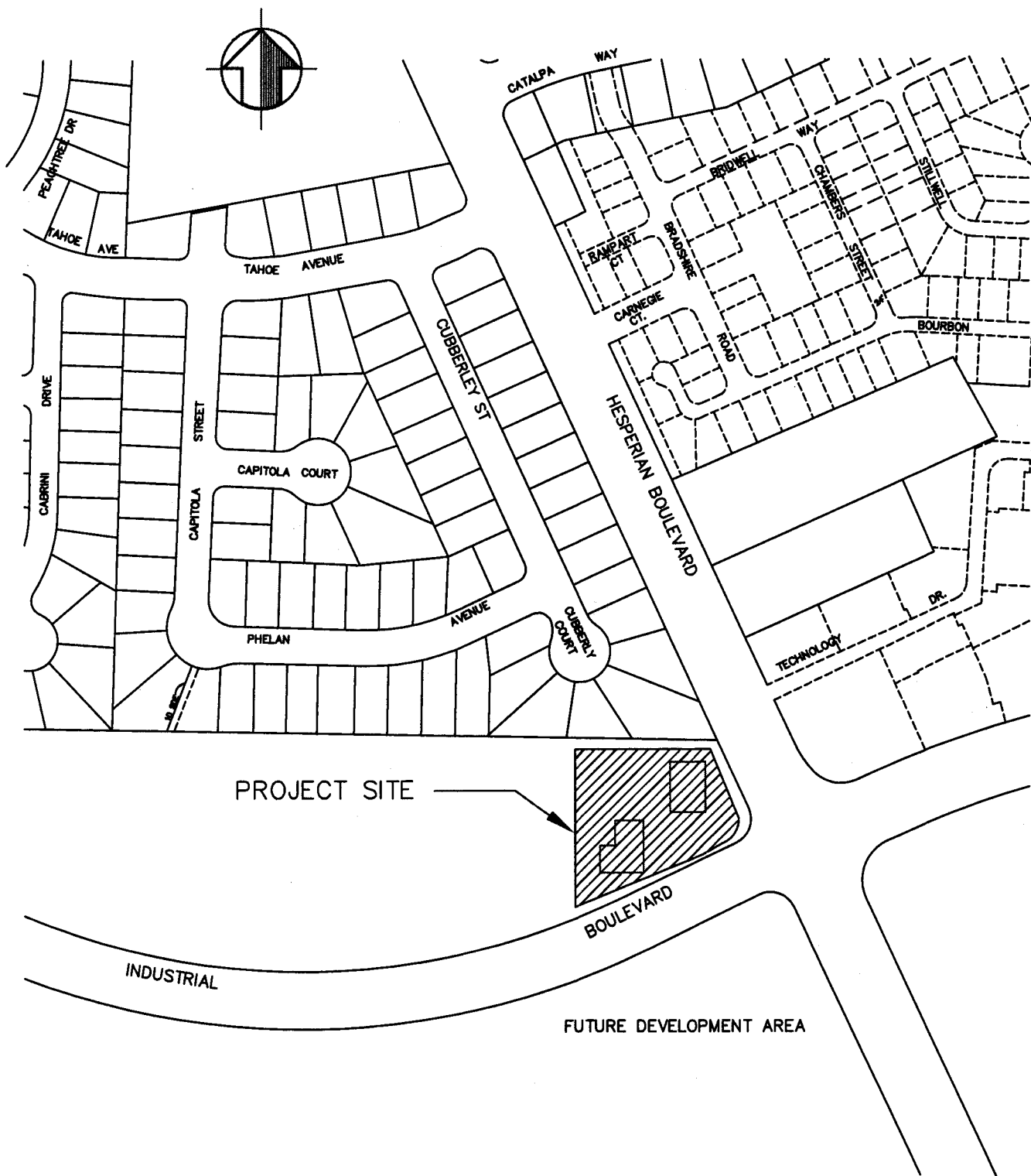
Dennis L. Butler, Director of Public Works

Approved by:



Jesús Armas, City Manager

Attachment: Exhibit A - Project Location Map



PROJECT LOCATION MAP

HESPERIAN BOOSTER PUMP STATION PROJECT

PROJECT NO. 622-7144

EXHIBIT "A"

DRAFT

HAYWARD CITY COUNCIL

RESOLUTION NO. 02-

Introduced by Council Member _____

mnk

RESOLUTION AUTHORIZING THE CITY MANAGER
TO EXECUTE AN AGREEMENT BETWEEN THE CITY
OF HAYWARD AND GEOMATRIX CONSULTANTS
FOR PROFESSIONAL GEOTECHNICAL AND
ENVIRONMENTAL SERVICES FOR THE HESPERIAN
BOOSTER PUMP STATION PROJECT, PROJECT NO.
7144

BE IT RESOLVED by the City Council of the City of Hayward that the
City Manager is hereby authorized and directed to execute on behalf of the City of
Hayward an agreement with Geomatrix Consultants for professional geotechnical and
environmental services for the Hesperian Booster Pump Station Project, Project No. 7144
in an amount not to exceed \$80,000, in a form to be approved by the City Attorney.

IN COUNCIL, HAYWARD, CALIFORNIA _____, 2002

ADOPTED BY THE FOLLOWING VOTE:

AYES: COUNCIL MEMBERS:
MAYOR:

NOES: COUNCIL MEMBERS:

ABSTAIN: COUNCIL MEMBERS:

ABSENT: COUNCIL MEMBERS:

ATTEST: _____
City Clerk of the City of Hayward

APPROVED AS TO FORM:

City Attorney of the City of Hayward